

Fig. 1

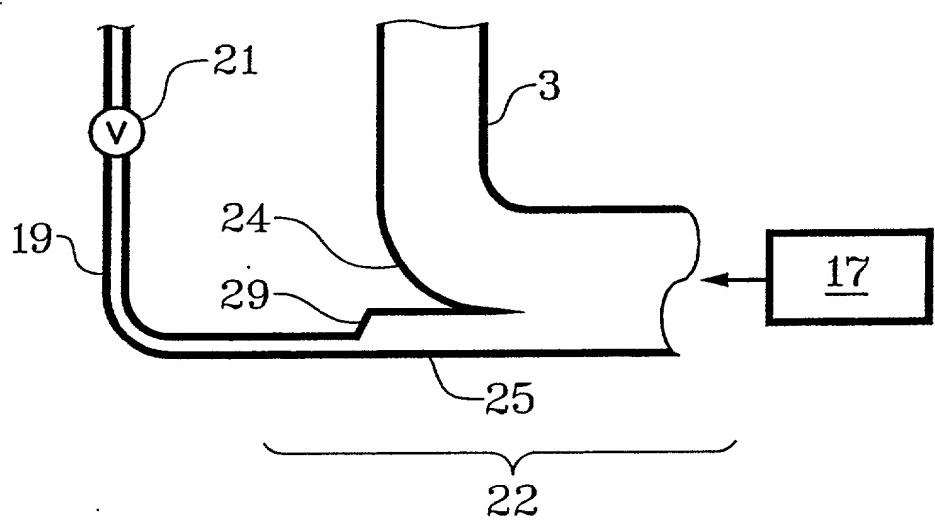
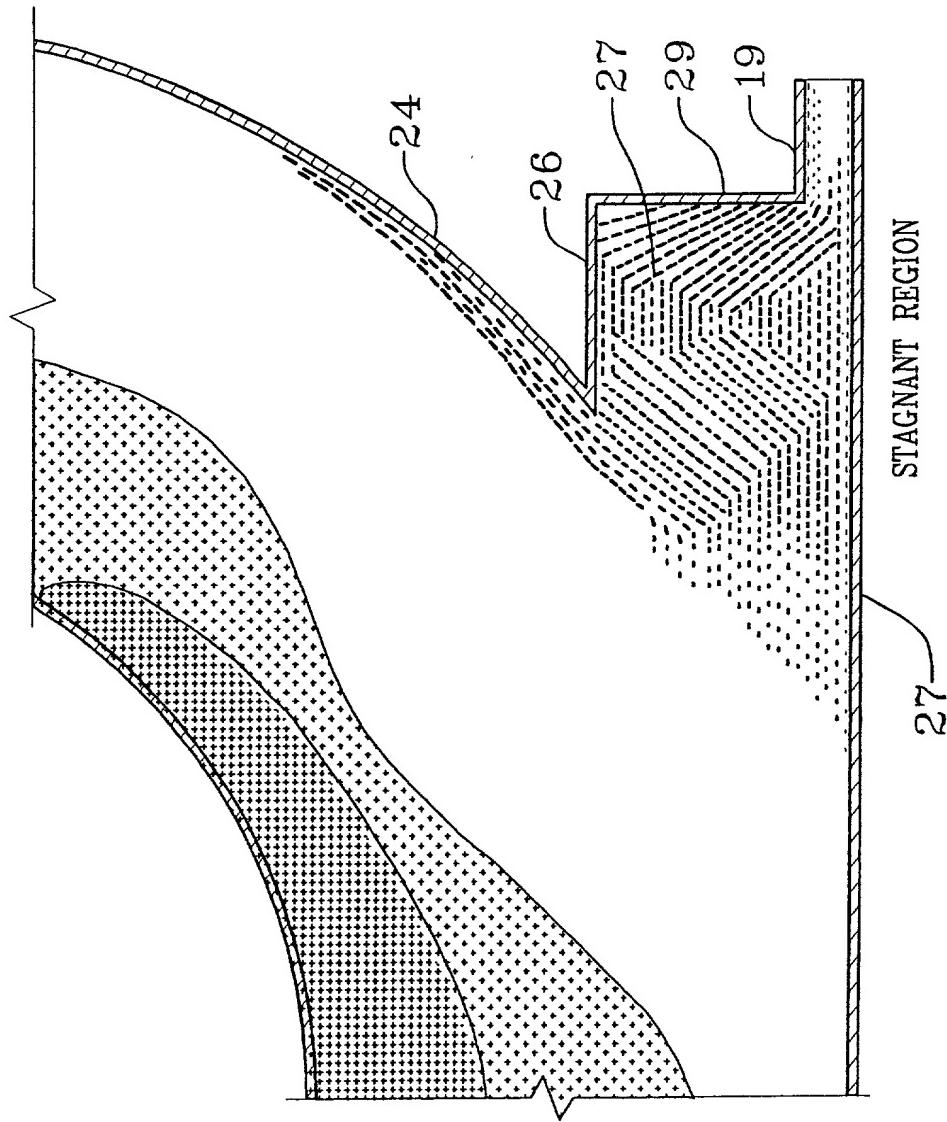
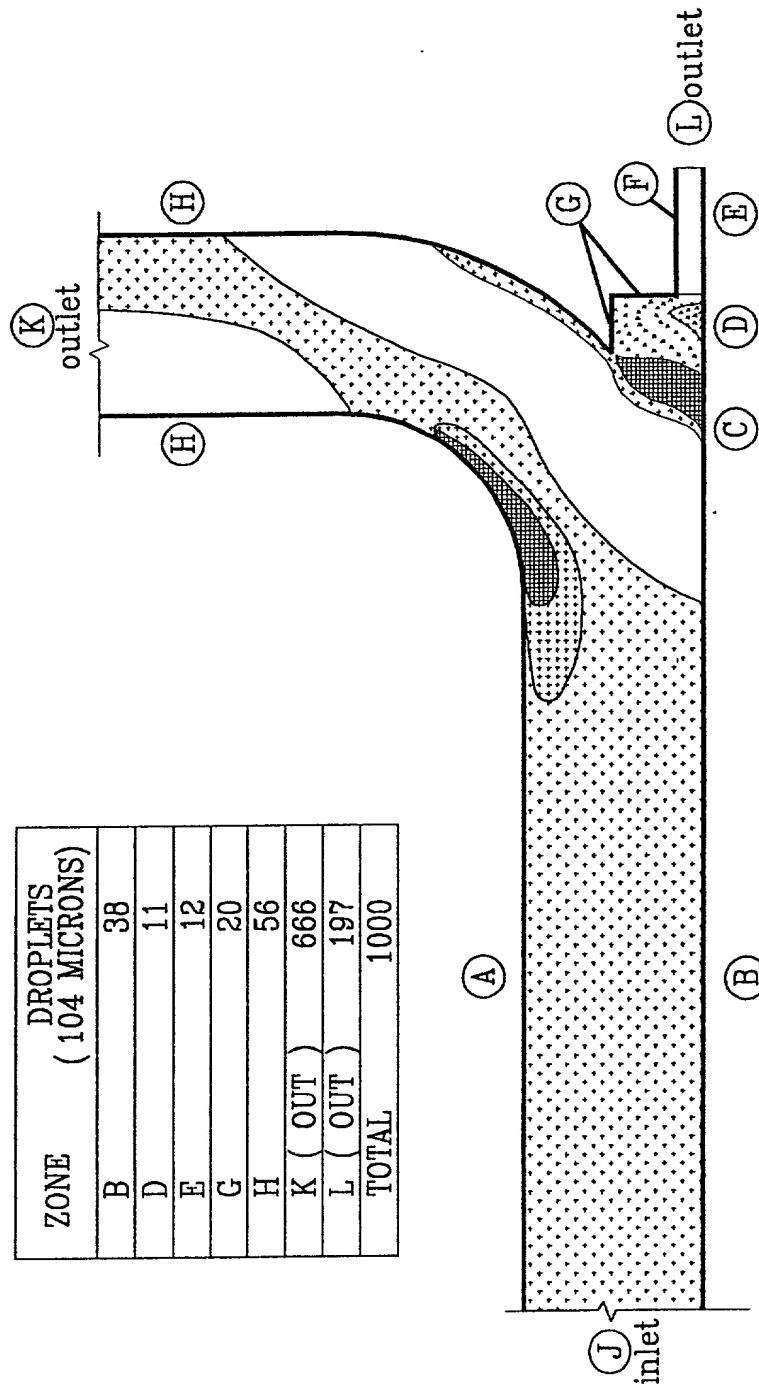


Fig. 2



POLYETHYLENE (PE) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 35 ft/sec INLET
ZOOMED VIEW ILLUSTRATING STAGNANT REGION AT PIPE BOTTOM

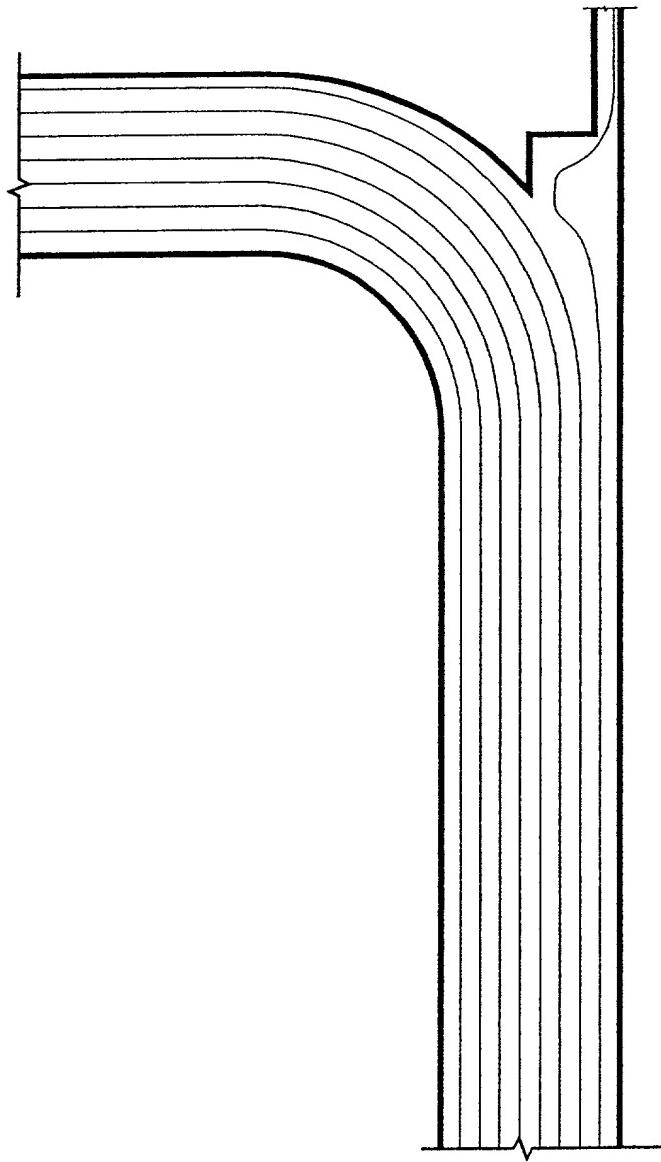
Fig. 3



POLYETHYLENE (PE) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 35 ft/sec INLET WITH 104 Micron LIQUID DROPLET DISTRIBUTION DATA

Fig. 4

Fig. 5



TYPICAL 10 DROPLET TRAJECTORY WITH 35 ft/sec INLET
WITH LIQUID DROPLET DISTRIBUTION DATA

Fig. 6

POLYETHYLENE (PE) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 55 ft/sec INLET
WITH 312 Micron LIQUID DROPLET DISTRIBUTION DATA

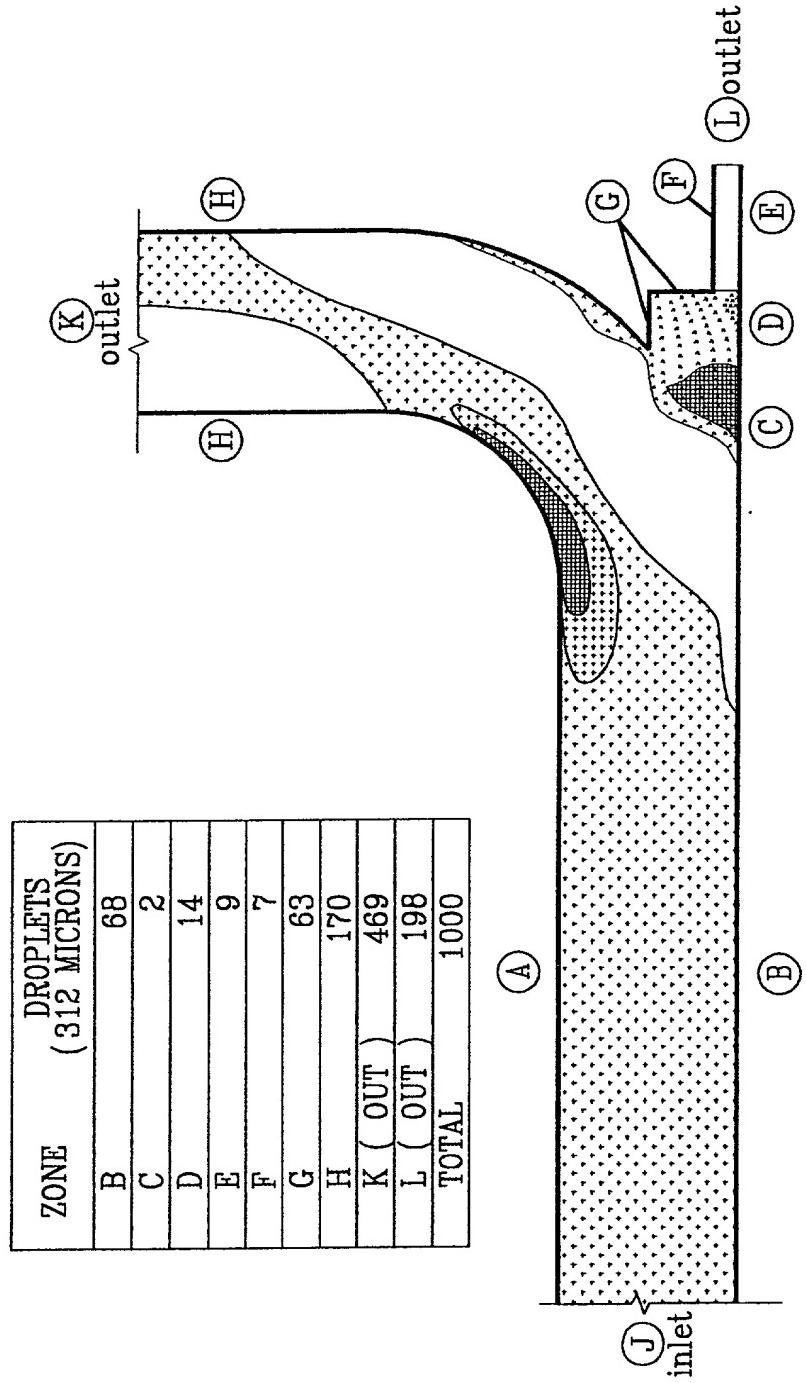
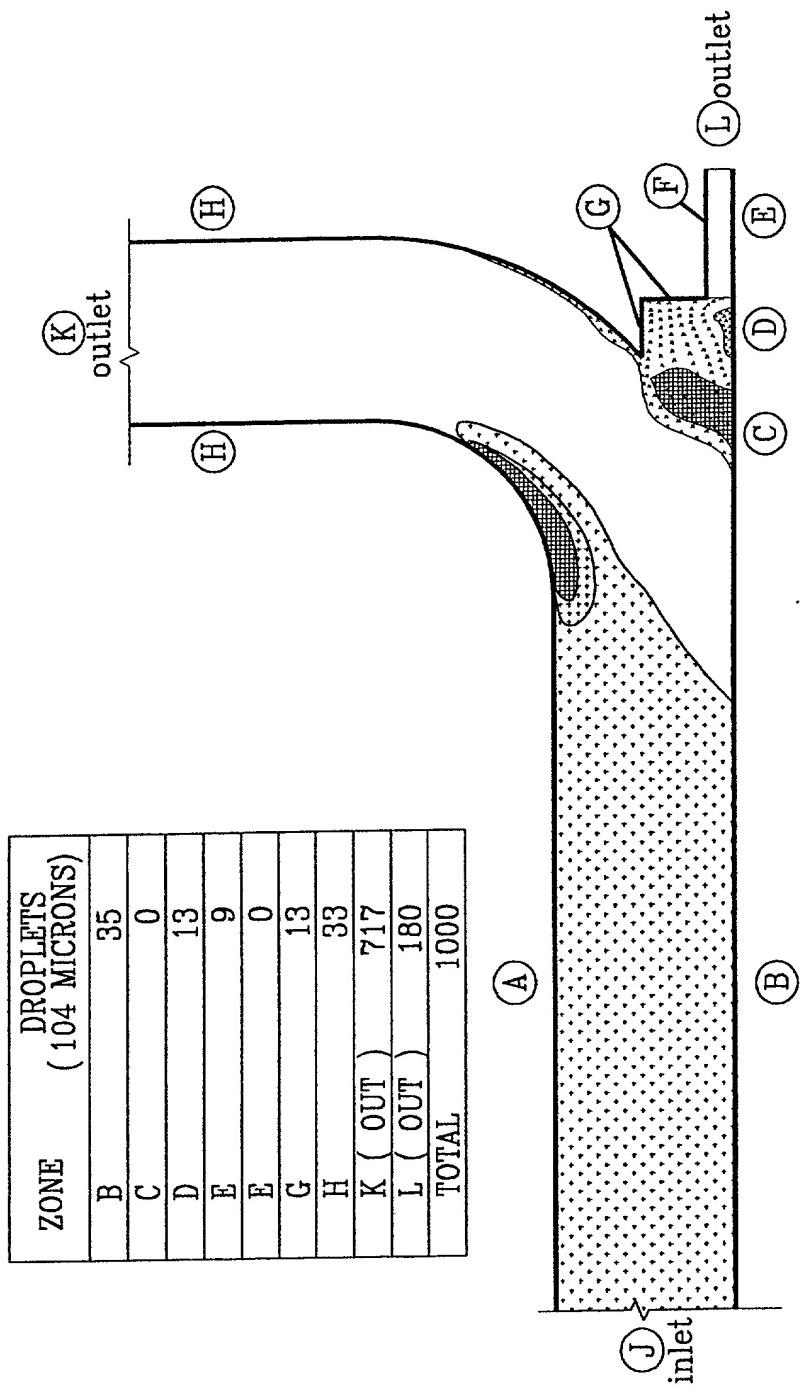
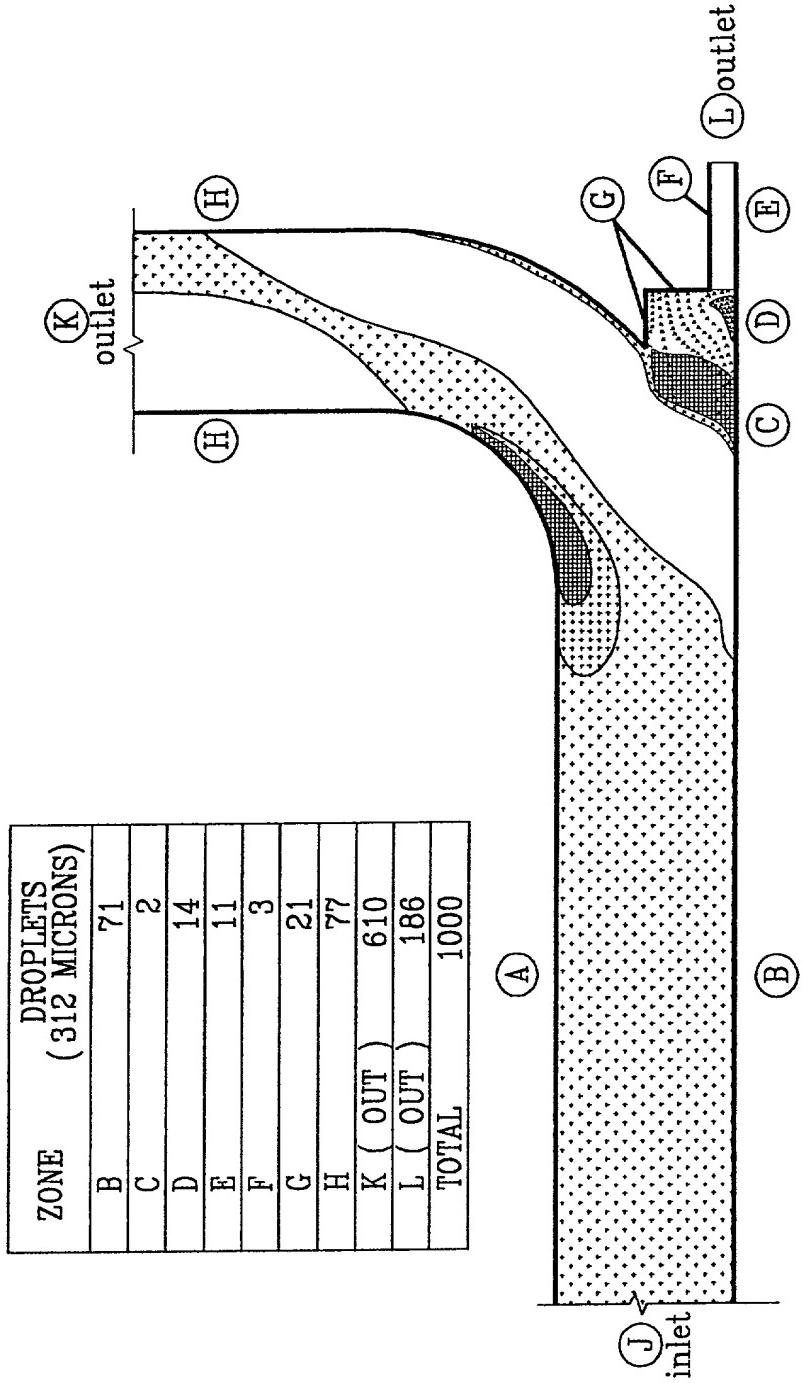


Fig. 7



POLYPROPYLENE (PP) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 25 ft/sec INLET
WITH 10⁴ Micron LIQUID DROPLET DISTRIBUTION DATA



POLYPROPYLENE (PP) VAPOR PHASE VELOCITY MAGNITUDE PROFILES WITH 35 ft/sec INLET
WITH 312 Micron LIQUID DROPLET DISTRIBUTION DATA

Fig. 8

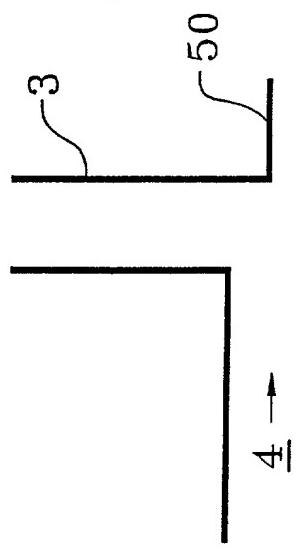


Fig.9

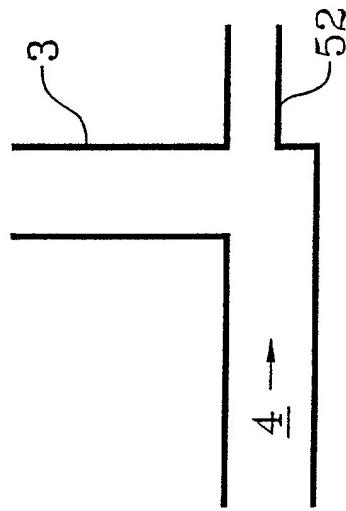


Fig.10

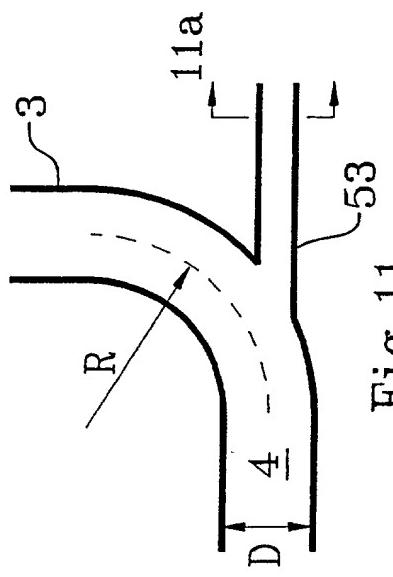


Fig.11



Fig.11a

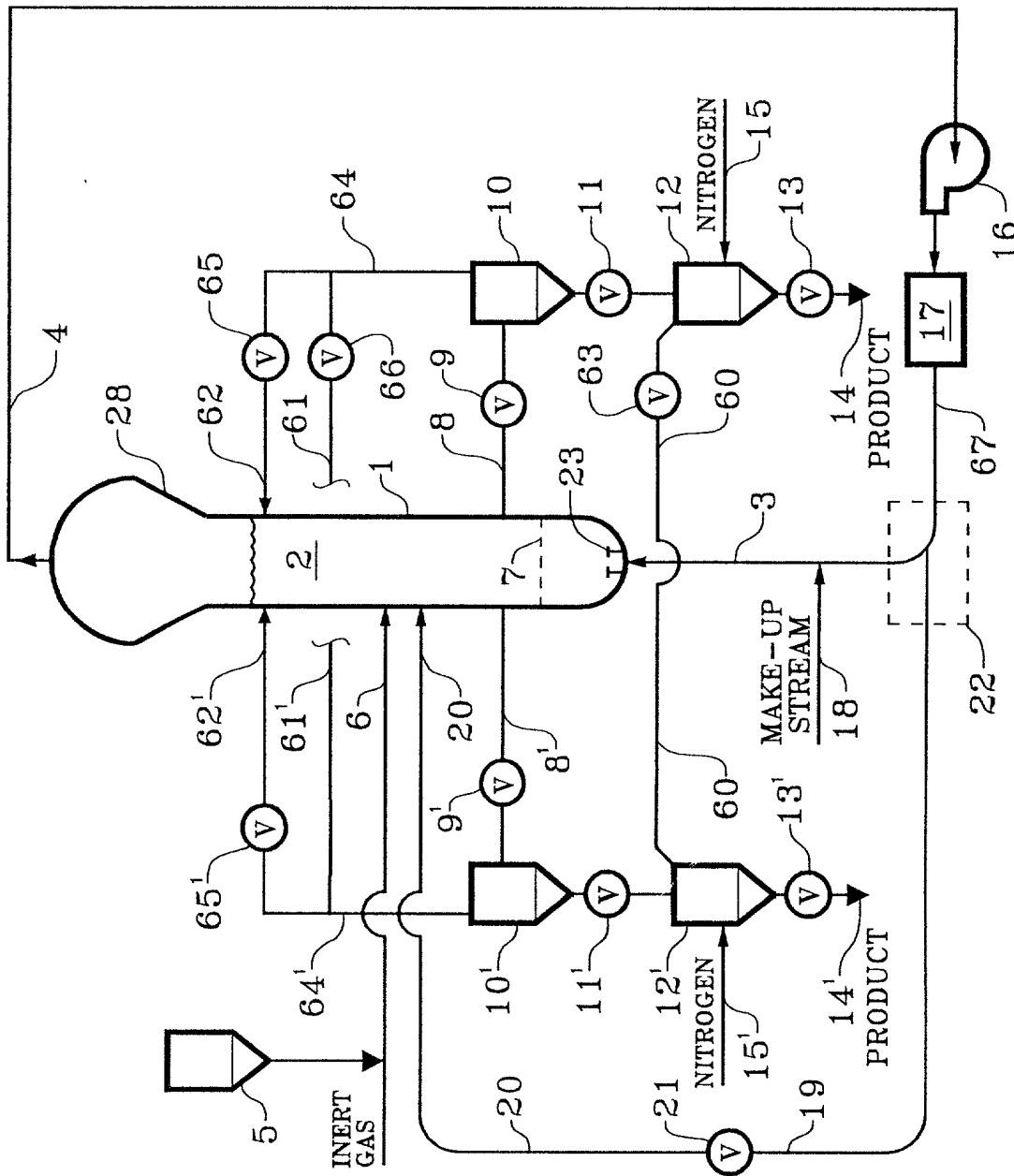


Fig. 12

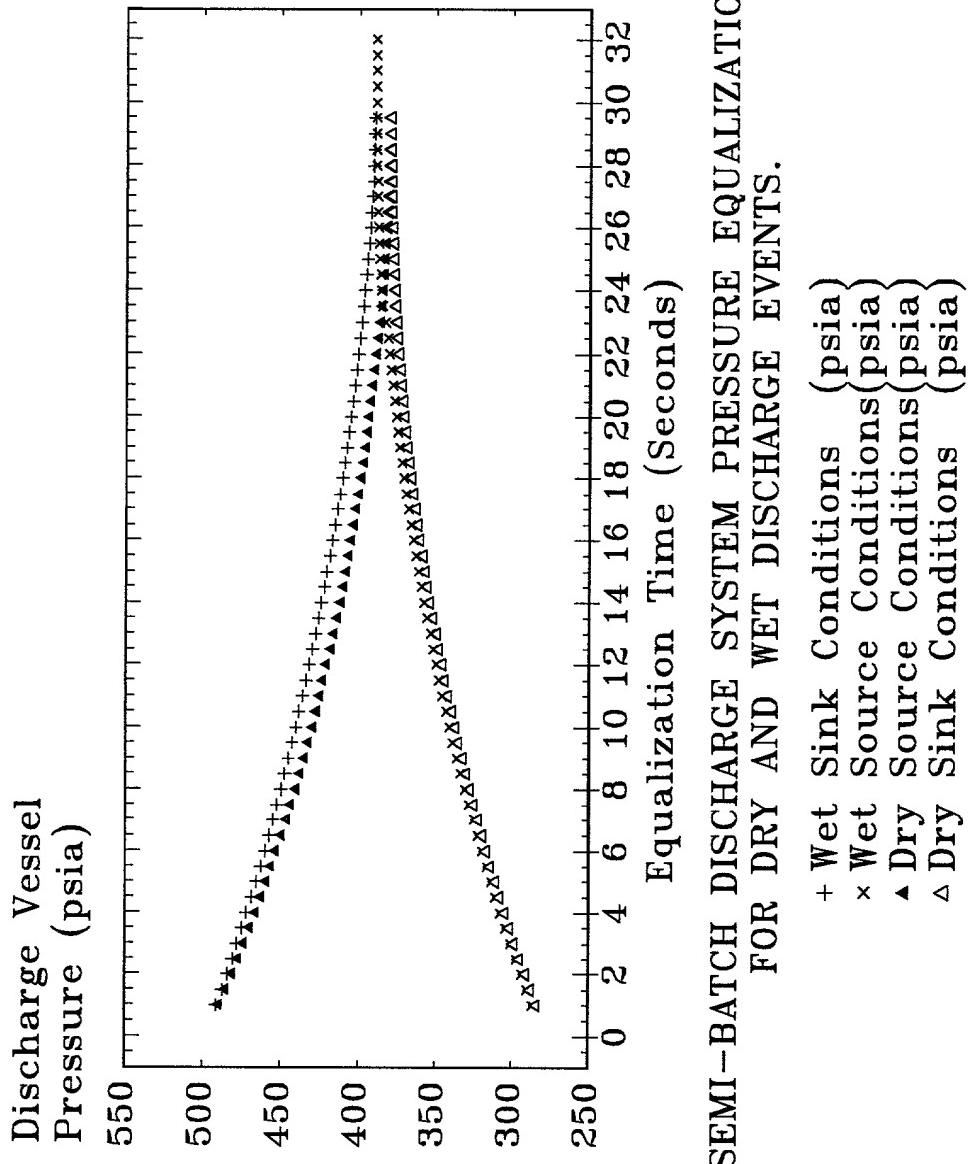


Fig. 13